

AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled. The listing of claims will replace all prior versions, and listing of claims in the application.

Listing of Claims

1. **(Currently Amended)** A method for ultraviolet (UV) liquid disinfection, the method comprising:
providing a stream of liquid to be disinfected by UV-radiation, said liquid including contaminants ~~that are not transparent to said UV radiation;~~
and
disinfecting the stream of liquid by directing, within said stream of liquid, said UV-radiation at an angular orientation that enables such that the liquid to be disinfected to serve serves as a flowing liquid wave guide for the UV-radiation using total internal refraction, wherein said UV radiation is not converted into heat or sonic or ultrasonic pulses at a distal end of said stream of liquid.
2. – 3. (Cancelled)
4. (Original) The method of Claim 1, wherein said UV-radiation is generated by a laser source.
5. – 15. (Cancelled)
16. (Previously Presented) The method of Claim 1, wherein said liquid having a refractive index greater than a refractive index of the surrounding.
17. (Previously Presented) The method of Claim 1, wherein the UV-radiation being UVA-radiation, UVB-radiation or UVC-radiation.
18. (Previously Presented) The method of claim 1, wherein the liquid being water or wastewater.